Title (en)
SPREADER, ESPECIALLY A PNEUMATIC FERTILIZER SPREADER

Publication
EP 0219015 B1 19920513 (DE)

Application
EP 86113704 A 19861003

Priority
- DE 3535628 A 19851005
- DE 3539669 A 19851108

Abstract (en)
[origin: EP0219015A2] The spreader, in particular a pneumatic fertilizer spreader has a storage container equipped with outlet ports and variable-speed proportioning wheels for conveying the materials streaming out of the outlet ports into pipelines connected to at least one blower and equipped with outflow orifices arranged next to one another, as seen transversely to the direction of travel, and at a distance from one another. The spreading width of the spreading fan streaming out through the outlet ports and produced by blowing against battle bodies arranged in front of the outlet ports amounts to a multiple of the width of the storage container, and by varying the speed of the adjustable proportioning wheels the discharge quantity can be increased or reduced from the tractor seat during the discharge of material. So that even on a spreader of the relevant generic type with large spreading widths of up to 24 m and above, the discharge quantity can be varied during the discharge operation in strip widths which are substantially smaller than the spreading width or working width, during the discharge of material the discharge quantity can be increased and/or reduced from the tractor seat in steps corresponding to stages of the spreading width, preferably starting from a basic discharge-quantity value. <IMAGE>

IPC 1-7
A01C 7/10; A01C 15/04

IPC 8 full level
A01C 7/08 (2006.01); **A01C 15/04** (2006.01)

CPC (source: EP)
A01C 7/088 (2013.01); **A01C 7/102** (2013.01); **A01C 15/04** (2013.01); **A01C 19/00** (2013.01); Y02P 60/21 (2015.11)

Cited by
EP0453861A1; DE102005012578B4; CN115997536A; EP3409090A1; EP3508047A1; US11765991B2; US11744169B2; WO2012014173A3; WO2019157094A1

Designated contracting state (EPC)
ES FR GB NL SE

DOCDB simple family (publication)
EP 0219015 A2 19870422; **EP 0219015 A3 19880525**; **EP 0219015 B1 19920513**; DE 3539669 A1 19870514

DOCDB simple family (application)
EP 86113704 A 19861003; DE 3539669 A 19851108